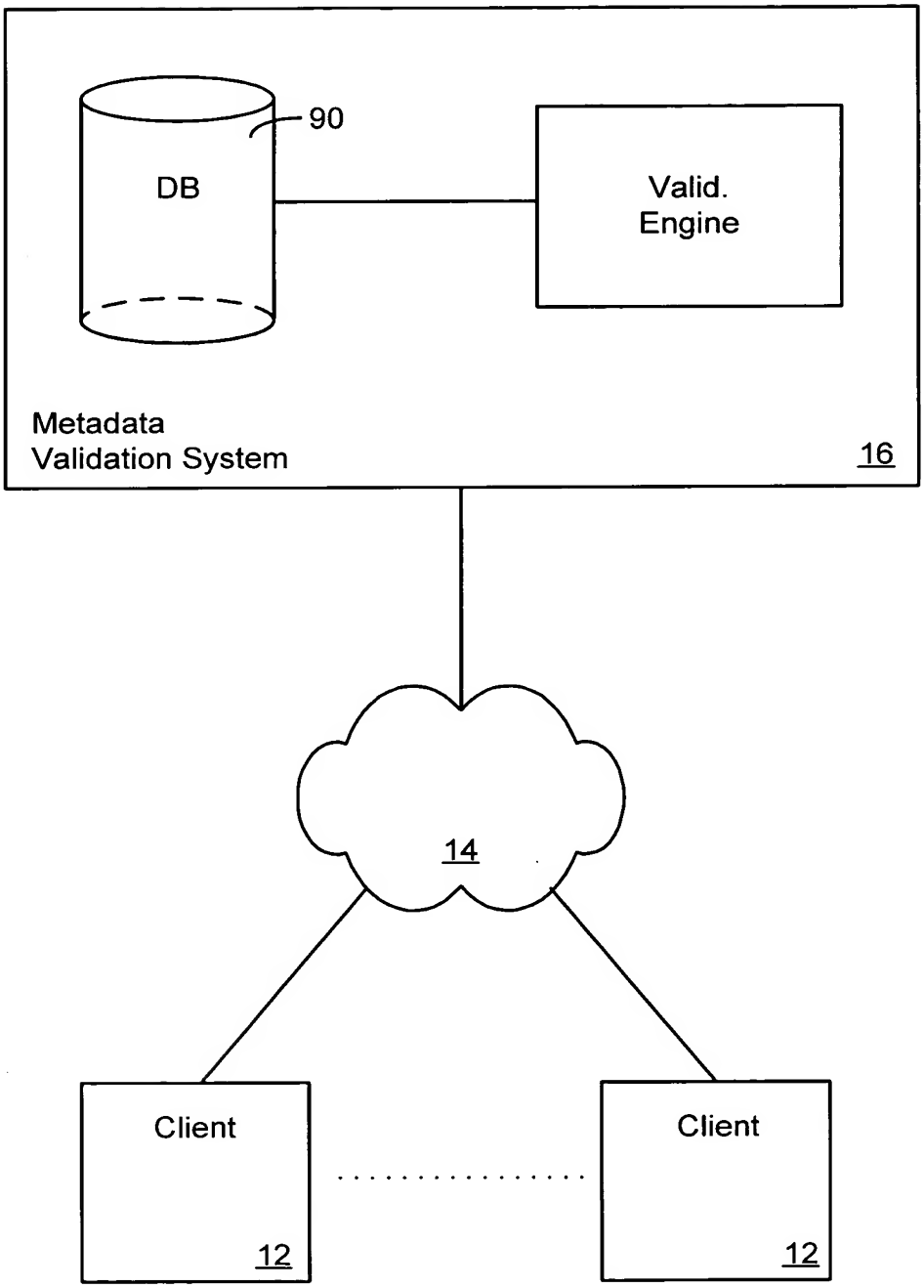
90
DB
Valid.
Engine
Metadata
Validation System
16
14
Client
12
Client
12

FIG. 1

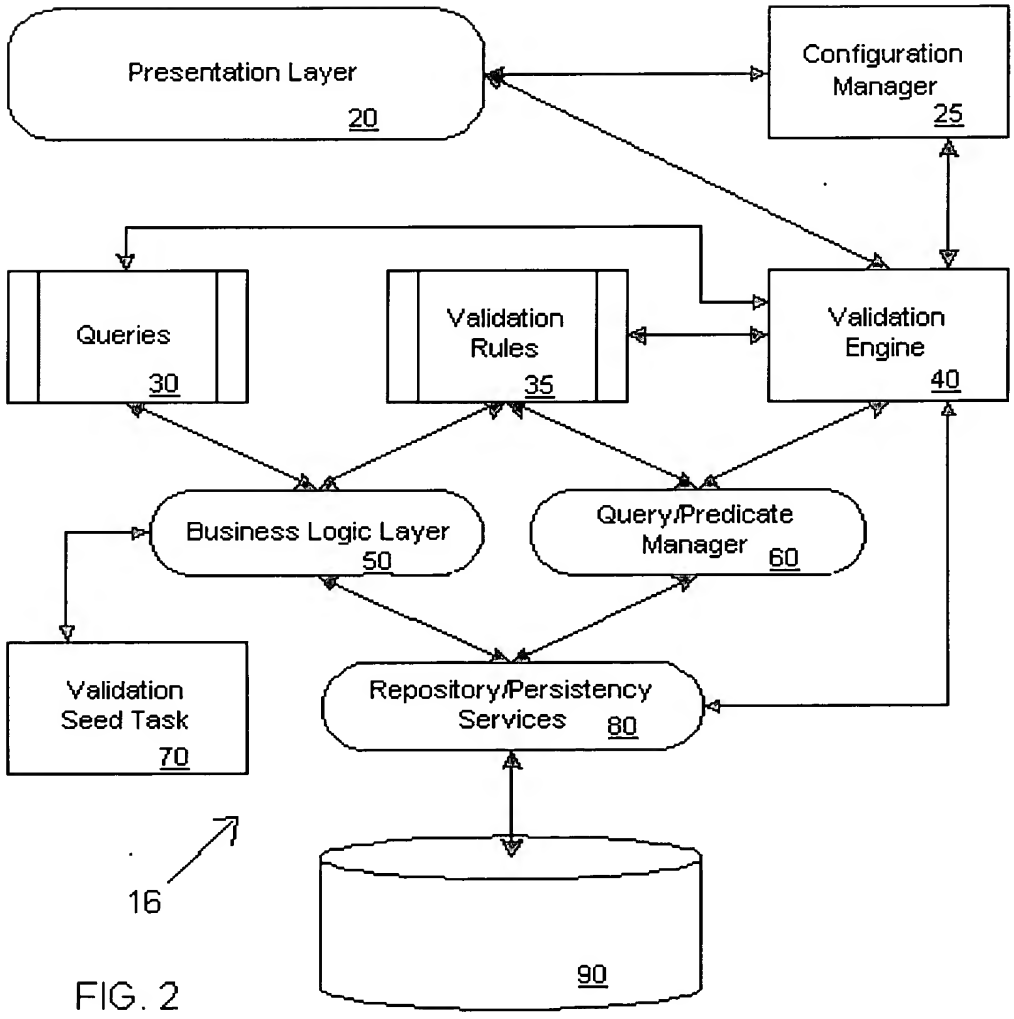
Presentation Layer
20
Configuration Manager
25
Queries
30
Validation Rules
35
Validation Engine
40
Business Logic Layer
50
Query/Predicate Manager
60
Validation Seed Task
70
Repository/Persistency Services
80
16
90

FIG. 2

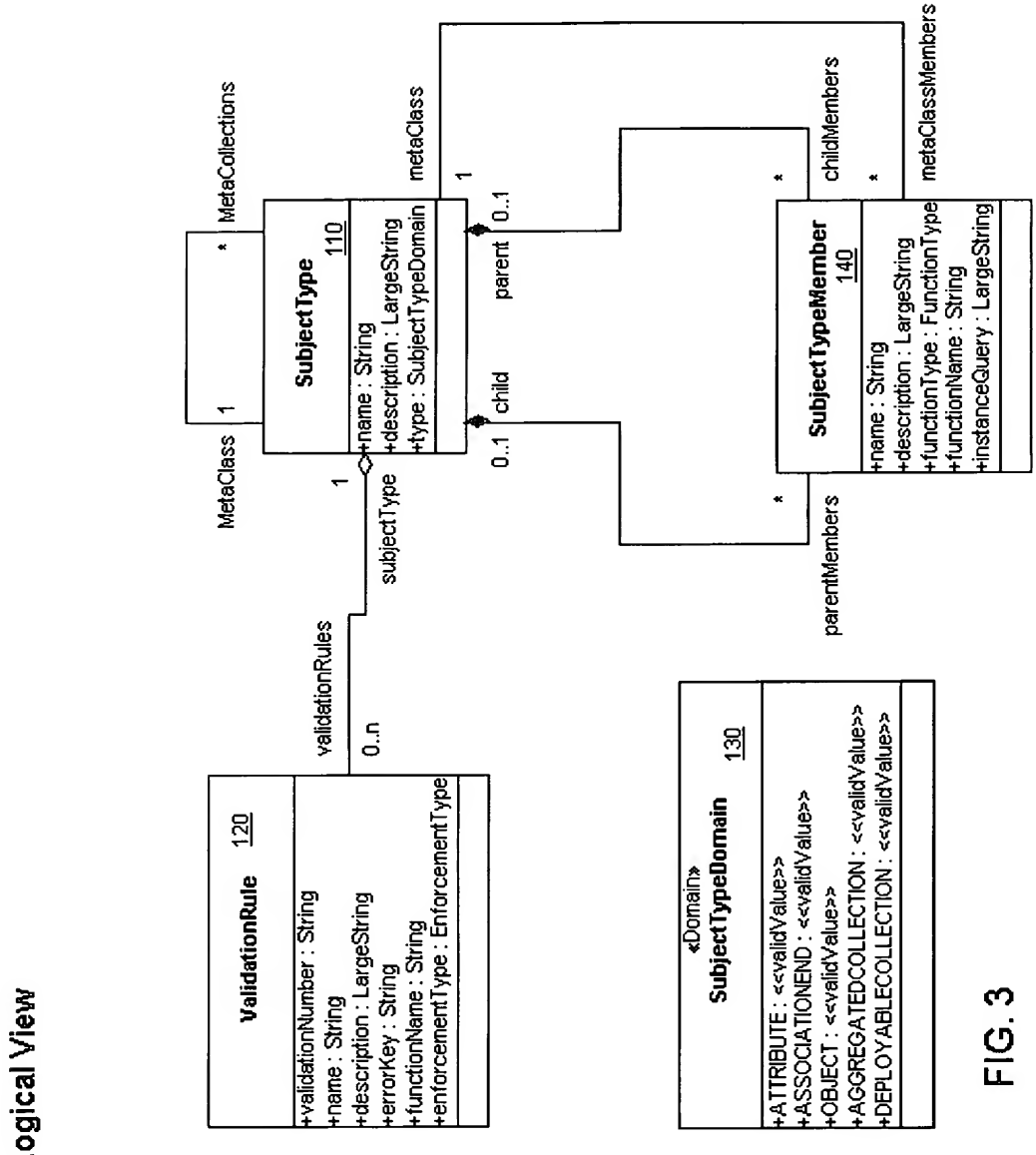
Logical View
ValidationRule 120
+validationNumber : String
+name : String
+description : LargeString
+errorKey : String
+functionName : String
+enforcementType : EnforcementType
validationRules
0..n
MetaClass
1
subjectType
SubjectType 110
+name : String
+description : LargeString
+type : SubjectTypeDomain
MetaCollections
*
metaClass
1
child
0..1
parent
0..1
SubjectTypeMember 140
+name : String
+description : LargeString
+functionType : FunctionType
+functionName : String
+instanceQuery : LargeString
childMembers
*
metaClassMembers
*
parentMembers
«Domain»
SubjectTypeDomain 130
+ATTRIBUTE : <<validValue>>
+ASSOCIATIONEND : <<validValue>>
+OBJECT : <<validValue>>
+AGGREGATEDCOLLECTION : <<validValue>>
+DEPLOYABLECOLLECTION : <<validValue>>

FIG. 3